

WPD 100 2X25/6X10 BN**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Building installation wiring**

For building installations, we offer a complete system that revolves around the 10×3 copper rail and comprises perfectly coordinated components: from installation terminal blocks, neutral conductor terminal blocks and distribution terminal blocks to comprehensive accessories such as busbars and busbar holders.

General ordering data

Version	Potential distributor terminal, Screw connection, brown, 25 mm ² , 101 A, 1000 V, Number of connections: 8, Number of levels: 1
Order No.	2814500000
Type	WPD 100 2X25/6X10 BN
GTIN (EAN)	4064675299738
Qty.	3 pc(s).

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Technical data

Dimensions and weights

Depth	49 mm	Depth (inches)	1.929 inch
Height	55.4 mm	Height (inches)	2.181 inch
Width	30.2 mm	Width (inches)	1.189 inch
Net weight	102 g		

Temperatures

Continuous operating temp., min.	-50 °C	Continuous operating temp., max.	130 °C
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Material data

Material	Wemid	Colour	brown
UL 94 flammability rating	V-0		

System specifications

Version	Screw connection	End cover plate required	No
Number of potentials	1	Number of levels	1
Number of clamping points per level	2	Levels cross-connected internally	Yes
Rail	TS 35	N-function	No
PE function	No	PEN function	No

Additional technical data

Explosion-tested version	Yes	Type of mounting	Snap-on
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Conductors for clamping (additional connection)

Connection type, additional connection Screw connection

Conductors for clamping (rated connection)

Clamping range, max.	25 mm ²	Clamping range, min.	1.5 mm ²
Connection cross-section, stranded, max.	25 mm ²	Connection direction	on side
Number of connections	8	Type of connection	Screw connection
Type of connection 2	Screw connection	Wire connection cross section AWG, max.	AWG 4
Wire connection cross section AWG, min.	AWG 16	Wire connection cross section, finely stranded, max.	0 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	16 mm ²	Wire connection cross-section, solid core, max.	25 mm ²

General

Number of poles	1	Rail	TS 35
Wire connection cross section AWG, max.	AWG 4	Wire connection cross section AWG, min.	AWG 16

Rating data

Rated cross-section	25 mm ²	Rated voltage	1,000 V
Rated AC voltage	1,000 V	Rated DC voltage	1,000 V
Rated current	101 A	Current at maximum wires	101 A

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Technical data

Classifications

ETIM 6.0	EC000897	ETIM 7.0	EC000897
ETIM 8.0	EC000897	ETIM 9.0	EC000897
ETIM 10.0	EC000897	ECLASS 9.0	27-14-11-20
ECLASS 9.1	27-14-11-20	ECLASS 10.0	27-14-11-20
ECLASS 11.0	27-14-11-20	ECLASS 12.0	27-14-11-20
ECLASS 13.0	27-25-01-19	ECLASS 14.0	27-25-01-19
ECLASS 15.0	27-25-01-19		

Environmental Product Compliance

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6c
REACH SVHC	Lead 7439-92-1
SCIP	9b5f0838-1f0b-4c14-9fc7-3f5e6ee75be2

Approvals

Approvals



Approvals MAMID	https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/ https://mdcop.weidmueller.com/mediadelivery/rendition/900_319236/-T1z1mm-S800/ https://mdcop.weidmueller.com/mediadelivery/rendition/900_319263/-T1z1mm-S800/
ROHS	Conform

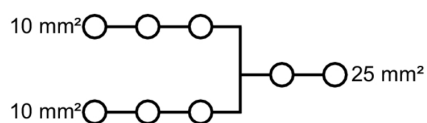
Downloads

Approval/Certificate/Document of Conformity	Confirmation of Standards EN 45545-2_2020-10
Engineering Data	CAD data – STEP
User Documentation	Manual - How to connect aluminum wires in WPD-Terminal blocks Torque_Conductor_Connection_Data_WPD_EN Drehmoment_Leiteranschlussdaten_WPD_DE

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Drawings

Conductor connection data according to DIN EN 60990-1 (Cat. REC 81238-1 class A (Cu+Al))			
Strip width	Strip thickness	Strip length	Strip width
20 mm	0.2 mm	0.2 mm	20 mm
10 mm	0.2 mm	0.2 mm	10 mm
5 mm	0.2 mm	0.2 mm	5 mm
2.5 mm	0.2 mm	0.2 mm	2.5 mm
1.25 mm	0.2 mm	0.2 mm	1.25 mm
0.6 mm	0.2 mm	0.2 mm	0.6 mm
0.3 mm	0.2 mm	0.2 mm	0.3 mm
0.15 mm	0.2 mm	0.2 mm	0.15 mm
0.075 mm	0.2 mm	0.2 mm	0.075 mm
0.0375 mm	0.2 mm	0.2 mm	0.0375 mm
0.01875 mm	0.2 mm	0.2 mm	0.01875 mm
0.009375 mm	0.2 mm	0.2 mm	0.009375 mm
0.0046875 mm	0.2 mm	0.2 mm	0.0046875 mm
0.00234375 mm	0.2 mm	0.2 mm	0.00234375 mm
0.001171875 mm	0.2 mm	0.2 mm	0.001171875 mm
0.0005859375 mm	0.2 mm	0.2 mm	0.0005859375 mm
0.00029296875 mm	0.2 mm	0.2 mm	0.00029296875 mm
0.000146484375 mm	0.2 mm	0.2 mm	0.000146484375 mm
0.0000732421875 mm	0.2 mm	0.2 mm	0.0000732421875 mm
0.00003662109375 mm	0.2 mm	0.2 mm	0.00003662109375 mm
0.000018310546875 mm	0.2 mm	0.2 mm	0.000018310546875 mm
0.0000091552734375 mm	0.2 mm	0.2 mm	0.0000091552734375 mm
0.00000457763671875 mm	0.2 mm	0.2 mm	0.00000457763671875 mm
0.000002288818359375 mm	0.2 mm	0.2 mm	0.000002288818359375 mm
0.0000011444091796875 mm	0.2 mm	0.2 mm	0.0000011444091796875 mm
0.00000057220458984375 mm	0.2 mm	0.2 mm	0.00000057220458984375 mm
0.000000286102294921875 mm	0.2 mm	0.2 mm	0.000000286102294921875 mm
0.0000001430511474609375 mm	0.2 mm	0.2 mm	0.0000001430511474609375 mm
0.00000007152557373046875 mm	0.2 mm	0.2 mm	0.00000007152557373046875 mm
0.000000035762786865234375 mm	0.2 mm	0.2 mm	0.000000035762786865234375 mm
0.0000000178813934326171875 mm	0.2 mm	0.2 mm	0.0000000178813934326171875 mm
0.00000000894069671630859375 mm	0.2 mm	0.2 mm	0.00000000894069671630859375 mm
0.000000004470348358154296875 mm	0.2 mm	0.2 mm	0.000000004470348358154296875 mm
0.0000000022351741790771484375 mm	0.2 mm	0.2 mm	0.0000000022351741790771484375 mm
0.00000000111758708953857421875 mm	0.2 mm	0.2 mm	0.00000000111758708953857421875 mm
0.000000000558793544769287109375 mm	0.2 mm	0.2 mm	0.000000000558793544769287109375 mm
0.0000000002793967723846435546875 mm	0.2 mm	0.2 mm	0.0000000002793967723846435546875 mm
0.00000000013969838619232177734375 mm	0.2 mm	0.2 mm	0.00000000013969838619232177734375 mm
0.000000000069849193096160888671875 mm	0.2 mm	0.2 mm	0.000000000069849193096160888671875 mm
0.0000000000349245965480804443359375 mm	0.2 mm	0.2 mm	0.0000000000349245965480804443359375 mm
0.00000000001746229827404022216796875 mm	0.2 mm	0.2 mm	0.00000000001746229827404022216796875 mm
0.000000000008731149137020111083984375 mm	0.2 mm	0.2 mm	0.000000000008731149137020111083984375 mm
0.0000000000043655745685100555419921875 mm	0.2 mm	0.2 mm	0.0000000000043655745685100555419921875 mm
0.00000000000218278728425502777099609375 mm	0.2 mm	0.2 mm	0.00000000000218278728425502777099609375 mm
0.000000000001091393642127513885498046875 mm	0.2 mm	0.2 mm	0.000000000001091393642127513885498046875 mm
0.0000000000005456968210637569427490234375 mm	0.2 mm	0.2 mm	0.0000000000005456968210637569427490234375 mm
0.00000000000027284841053187847137451171875 mm	0.2 mm	0.2 mm	0.00000000000027284841053187847137451171875 mm
0.000000000000136424205265939235687255859375 mm	0.2 mm	0.2 mm	0.000000000000136424205265939235687255859375 mm
0.0000000000000682121026329696178436279296875 mm	0.2 mm	0.2 mm	0.0000000000000682121026329696178436279296875 mm
0.00000000000003410605131648480892181396484375 mm	0.2 mm	0.2 mm	0.00000000000003410605131648480892181396484375 mm
0.000000000000017053025658242404460906982421875 mm	0.2 mm	0.2 mm	0.000000000000017053025658242404460906982421875 mm
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0.0000000000000042632564145611011172267456046875 mm	0.2 mm	0.2 mm	0.0000000000000042632564145611011172267456046875 mm
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0.000000000000000133226762955034409913335800146484375 mm	0.2 mm	0.2 mm	0.000000000000000133226762955034409913335800146484375 mm
0.0000000000000000666133814775172049566679000732421875 mm	0.2 mm	0.2 mm	0.0000000000000000666133814775172049566679000732421875 mm
0.00000000000000003330669073875860247833395003662109375 mm	0.2 mm	0.2 mm	0.00000000000000003330669073875860247833395003662109375 mm
0.000000000000000016653345369379301239166975018310546875 mm	0.2 mm	0.2 mm	0.000000000000000016653345369379301239166975018310546875 mm
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0.0000000000000000000081315162936422369331868640145656967160029296875 mm	0.2 mm	0.2 mm	0.0000000000000000000081315162936422369331868640145656967160029296875 mm
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0.000000000000000000002032879073410559233296716003641424194000732421875 mm	0.2 mm	0.2 mm	0.000000000000000000002032879073410559233296716003641424194000732421875 mm
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0.00000000000000000000006352747104407997604052237511379450606250228818359375 mm	0.2 mm	0.2 mm	0.00000000000000000000006352747104407997604052237511379450606250228818359375 mm
0.000000000000000000000031763735522039988020261187556897253031251144091796875 mm	0.2 mm	0.2 mm	0.000000000000000000000031763735522039988020261187556897253031251144091796875 mm
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0.0000000000000000000000079409338805099970050652968892244931281278611102294921875 mm	0.2 mm	0.2 mm	0.0000000000000000000000079409338805099970050652968892244931281278611102294921875 mm
0.00000000000000000000000397046694025499850253264844461224656406393055511474609375 mm	0.2 mm	0.2 mm	0.00000000000000000000000397046694025499850253264844461224656406393055511474609375 mm
0.0000000000000000000000019852334701274992512663242223061232820319652775763671875 mm	0.2 mm	0.2 mm	0.0000000000000000000000019852334701274992512663242223061232820319652775763671875 mm
0.00000000000000000000000099261673506374991256316211115306164101598263878818359375 mm	0.2 mm	0.2 mm	0.00000000000000000000000099261673506374991256316211115306164101598263878818359375 mm
0.000000000000000000000000496308367531874956281581055766530820507991319394091796875 mm	0.2 mm	0.2 mm	0.000000000000000000000000496308367531874956281581055766530820507991319394091796875 mm
0.0000000000000000000000002481541837659374781407905278832654102539956596970458984375 mm	0.2 mm	0.2 mm	0.0000000000000000000000002481541837659374781407905278832654102539956596970458984375 mm
0.00000000000000000000000012407709188296873907039526394163270512699782984852294921875 mm	0.2 mm	0.2 mm	0.00000000000000000000000012407709188296873907039526394163270512699782984852294921875 mm
0.000000000000000000000000062038545941484369535197631970816352563498914924261474609375 mm	0.2 mm	0.2 mm	0.000000000000000000000000062038545941484369535197631970816352563498914924261474609375 mm
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0.00000000000000000000000001550963648537109238379940799270408814137472873106536865234375 mm	0.2 mm	0.2 mm	0.00000000000000000000000001550963648537109238379940799270408814137472873106536865234375 mm
0.000000000000000000000000007754818242685546191899703996352044070713632655532684326171875 mm	0.2 mm	0.2 mm	0.000000000000000000000000007754818242685546191899703996352044070713632655532684326171875 mm
0.00000000000000000000000000387740912134277309594985199817602203535776632766304091796875 mm	0.2 mm	0.2 mm	0.00000000000000000000000000387740912134277309594985199817602203535776632766304091796875 mm
0.000000000000000000000000001938704560671386547974925999088011017678833163831520458984375 mm	0.2 mm	0.2 mm	0.000000000000000000000000001938704560671386547974925999088011017678833163831520458984375 mm
0.00000000000000000000000000096935228033569327398746299954400550883941658157602294921875 mm	0.2 mm	0.2 mm	0.00000000000000000000000000096935228033569327398746299954400550883941658157602294921875 mm
0.000000000000000000000000000484676140167846636993731499772002754419707940788011474609375 mm	0.2 mm	0.2 mm	0.000000000000000000000000000484676140167846636993731499772002754419707940788011474609